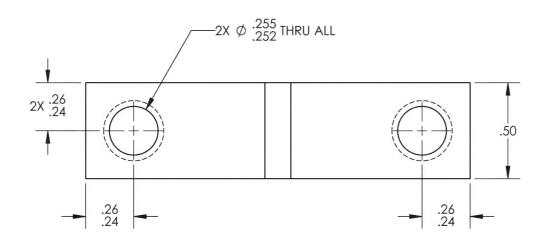
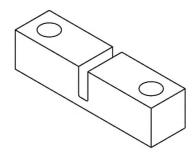
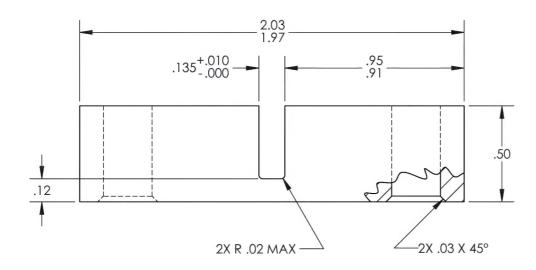


	REVISIONS							
REV	ECR	DATE	INITIAL	APPROVED				
5	16-0040	-107 CH'D DIMS WAS 2X Ø.256-262 ✓ Ø.30 X 100° IS Ø.252-,255, WAS .13-,14 IS .135 +.010000, WAS (.500) IS .50. ADDED DIM 2X .03 X 45°.	2/19/2016	DPD	JAG			







ADAPTER

GAGE ASSY. - BEND ANGLE,
TRIM TAB, 412 MRB

DWG NO. PR T101656-145-107

SCALE

2:1

	KD ITUTOS	00-140-107	5			
MAT'L 6061		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
HEAT TREAT		.XXX ± .005 FRACTIONS ± 1/8	.5			
TREAT FINISH SEE -1	03	.XX ± .01 ANGLES ±.5° .X ± .1 SURFACES = 1:	25/			
SPEC		1. BREAK ALL SHARP EDGES	V			
DRAWN BY: CLOUGH		.015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY				
CHECKED:	CLOUGH	AFTER PLATING				
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009				
QA APPR: LINDSAY		USED ON MODEL				
APPROVED:	GILBERT	BELL 412				

2/2/2012

REV

SHEET 4 OF 11

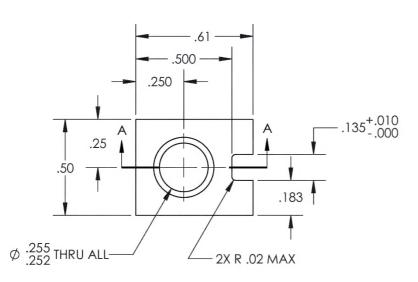
	revisions							
REV	ECR	DATE	INITIAL	APPROVED				
4		-109 CH'D SLOT DIM WAS .13-,14 LIMITS IS .125 +.005000. CH'D THRU HOLE WAS Ø.256 .262 TO Ø.255252.	1/21/2014	DPD	GE			
5	16-0040	-109 CH'D DIMS WAS .125 +.005000 IS .135 +.010000, WAS Ø.252255 \square Ø.38 X 100° BOTH SIDES IS Ø.252255, WAS (.500) IS .50, WAS (.500) IS .50. ADDED DIM .03 X 45°.	2/19/2016	DPD	JAG			

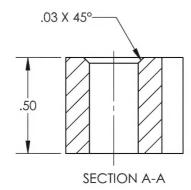
APPROVED:

SCALE

GILBERT









ADAPTER

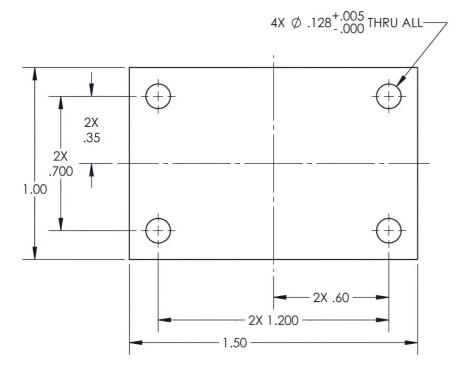
	T)A	RT				
TITLE		BEND ANGLE, , 412 MRB				
DWG NO.	RB T10165	56-145-109 REV 5				
MAT'L 6061 REAT INISH SEE -		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8				
INISH SEE -	103	.XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125/ 1. BREAK ALL SHARP EDGES				
RAWN BY:	CLOUGH	.015 x 45° OR .015R				
CLOUGH		AFTER PLATING				
PPS APPR:	RB T101656-145-109 5					
QA APPR:	LINDSAY	USED ON MODEL				

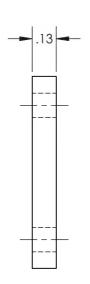
2/2/2012

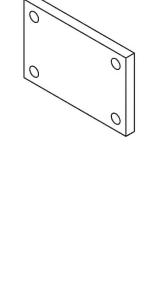
BELL 412

SHEET 5 OF 11

	REVISIONS REVISIONS							
REV	ECR	DATE	INITIAL	APPROVED				
5	16-0040	-111 CH'D DIMS WAS .125 IS .13, WAS 1.500 IS 1.50, WAS .350 IS 2X .35, WAS 1.000 IS 1.00, WAS .600 IS 2X .60, WAS 4X Ø.128 IS 4X Ø.128 +.005000.	2/19/2016	DPD	JAG			







GAGE ASSY. - BEND ANGLE,

TITLE TRIM TAB, 412 MRB

DWG NO. RB T101656-145-111

MAT'L 6061

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

.XXX ± .005 FRACTIONS ± 1/8

.XX + .01 ANGLES ± .5°

X ± .1 SURFACES = 125/

5

HEAT TREAT FINISH SEE -103 SPEC A T.I.

1. BREAK ALL SHARP EDGES

.015 x 45° OR .015R

2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009 DRAWN BY: CLOUGH CHECKED: CLOUGH

OPPS APPR: ANDERSON QA APPR: LINDSAY USED ON MODEL APPROVED: GILBERT **BELL 412**

SCALE 2:1 2/2/2012 SHEET 6 OF 11

PAD

REVISIONS This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR. APPROVED REV EÇR DESCRIPTION DATE INITIAL 1/21/2014 DPD 4 -113 MAT'L CHANGED WAS 301 S.S. IS 301 S.S. 1/2 HARD ROCKWELL 32 GE -113 CH'D DIMS WAS 2X .350 IS 2X .35, WAS 2X R.063 IS R.06, WAS 2X .150 IS 2X .15, WAS R.47-.53 IS 16-0040 5 2/19/2016 DPD JAG R.25, WAS (.040) IS .04. ADDED DIM 31°. 2X R .06 --4X ∅ .129 THRU ALL 2X R.12 \oplus \oplus 2X .35 .700 1.00 - (\oplus 2X .15 - 2X 1.200 -.47 R.50 R.25 2.00 31° 3.69 .04 --UP 31.47° R.25 DOWN 86.56° R .5 TITLE GAGE ASSY. - BEND ANGLE, TRIM TAB, 412 MRB ŀΦ DWG NO. RB T101656-145-113 MAT'L 301 S.S. 1/2 HARD RC 32 UNLESS OTHERWISE SPECIFIED Φ. -⊕-DIMENSIONS ARE IN INCHES
.XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 .X ± .1 ANGLES ±1° SURFACES = 125/ SPEC 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R DRAWN BY: **-** 1.582 4.075 - .393 CLOUGH 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 CHECKED: CLOUGH - 6.050 -OPPS APPR: ANDERSON FLAT PATTERN QA APPR: LINDSAY USED ON MODEL DIMENSIONS FOR REFERENCE ONLY APPROVED: GILBERT **BELL 412**

SPRING

SCALE

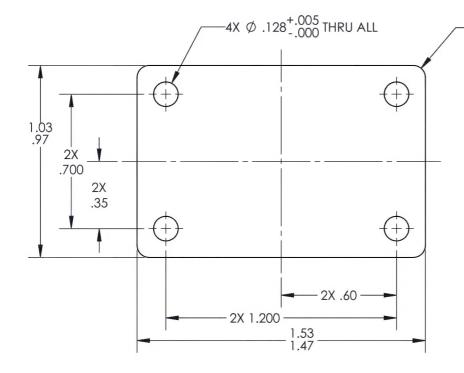
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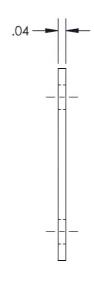
2/2/2012

SHEET 7 OF 11

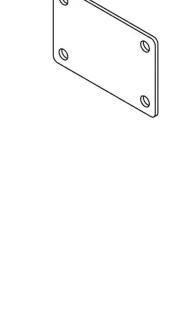
SCALE 1:2

	REVISION\$								
REV	ECR	DATE	INITIAL	APPROVED					
4		-115 MAT'L CHANGED WAS 301 S.S. IS 301 S.S. 1/2 HARD ROCKWELL 32.	1/21/2014	DPD	GE				
5	16-0040	-115 CH'D DIMS WAS 4X Ø.129 IS 4X Ø.128 +.005000, WAS 4X R.063 IS 4X .06, WAS 2X .600 IS 2X .60, WAS 2X .350 IS 2X .35, WAS (.040) IS .04.	2/19/2016	DPD	JAG				





4X R .06



DARI

GAGE ASSY. - BEND ANGLE, TRIM TAB, 412 MRB

DWG NO.

CLOUGH

MAT'L 301 S.S. 1/2 HARD RC 32

SPEC

DRAWN BY:

RB T101656-145-115

REV

5

CHECKED: CLOUGH 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PE ASME Y14.5M-2009

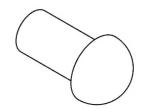
 QA APPR:
 LINDSAY
 USED ON MODEL

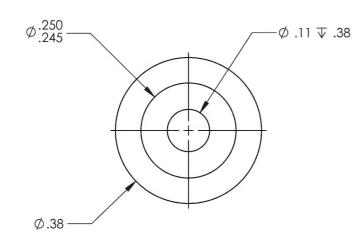
 APPROVED:
 GILBERT
 BELL 412

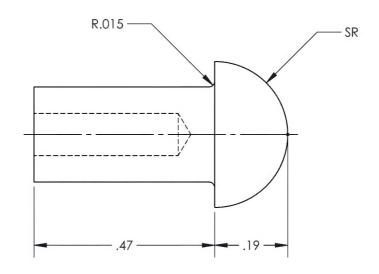
 SCALE
 2:1
 DATE
 2/2/2012
 SHEET 8 OF 11

RETAINER

	revisions							
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED			
4		-117 CH'D DIAMETER WAS .2325 IS Ø.245250.			GE			
5	16-0040	-117 CH'D DIM WAS Ø.11 ▼.375 ID Ø.11 ▼.38. ADDED \$R.	2/19/2016	DPD	JAG			











BUMPER

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GAGE ASSY. - BEND ANGLE, TRIM TAB, 412 MRB

DWG NO.

RB T101656-145-129

FEV 5

MAT'L TEFLON UNLESS OTHERWISE SPECIFIED SURFACES = 125 SPEC A T.I.

1. BREAK ALL SHARP EDGES

.015 x 45° OR .015R

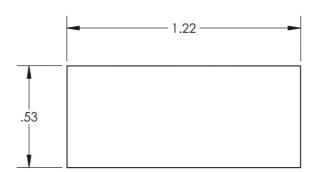
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009 DRAWN BY: CLOUGH CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: LINDSAY USED ON MODEL APPROVED: GILBERT **BELL 412** SCALE DATE 2/2/2012 SHEET 10 OF 11 1:1

-129

TAPE

	REVISIONS							
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED			
5	16-0040	-130 ADDED DRAWING.	2/19/2016	DPD	JAG			







GAGE ASSY. - BEND ANGLE, TRIM TAB, 412 MRB

DWG NO.

RB T101656-145-130

REV 5

	KB	1101	60	06-145-	130	5	
MAT'L TEFLON HEAT TREAT FINISH						S	
SPEC	SPEC				L SHARP EDGES	V	
DRAWN BY:	DRAWN BY: CLOUGH				.015 x 45° OR .015R - 2. DIMENSIONAL LIMITS APPLY		
CHECKED:	CLOUGH	1		AFTER PLA			
OPPS APPR:	ANDERS	ON		ASME Y14.			
QA APPR:	LINDSAY	′			USED ON MODEL		
APPROVED:	GILBERT		BELL 412				
SCALE 2:1 DATE 2/				2/2012	SHEET 11 OF	11	

(-130)

TAPE